

FILATOV, P.P.

Effect of antitumor sera on the growth of Brown-Pearce rabbit carcinoma in tissue culture. Biul.eksp.biol. i med. 46 no.10: 76-83 O '58
(MIRA 11:11)

1. Iz laboratorii neinfektsionnoy immunologii (zav. - doktor meditsinskikh nauk prof. I.N. Mayskiy) Instituta eksperimental'noy biologii (dir. - prof. I.N. Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.

(IMMUNE-SERUM
anti-tumor, eff. on Brown-Pearce rabbit carcinoma
in tissue culture (Rus))

(NEOPLASMS, exper.
eff. of anti-tumor sera on Brown-Pearce rabbit carcinoma in tissue culture (Rus))

MAYSKIY, I.N., prof.; LOMAKIN, M.S., kand. biol. nauk.; FILATOV, P.P., kand. med. nauk.

Problem of biological principles of the metastasis of malignant tumors.
Vest. AN SSSR 14 no.2:22-33 '59. (MIRA 12:4)

1. Institut eksperimental'noy biologii AN SSSR (dir. - prof. I. N. Mayskiy).

(NEOPLASMS, physiol.
biol. processes in metastasis, review (Rus))

LOMAKIN, M.S., kand.med.nauk; FILATOV, P.P., kand.med.nauk

Heredity and problems in human pathology. Vest.AMN SSSR 14
no.8:75-80 '59. (MIRA 12:11)
(PATHOLOGY)

FILATOV, P.P.

Effect of a dose of tumor tissue antigens on specific antibody formation. Biul.eksp.biol. i med. 47 no.6:95-100 Je '59.
(MIRA 12:8)

1. Iz laboratorii neinfektsionnoy immunologii (zav. - prof. I.N.Mayskiy) Instituta eksperimental'noy biologii (dir. - prof.I.N.Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.N.Zhukovym-Verezhnikovym.

(NEOPLASMS, immunol.

eff. of tumor tissue antigen on antibody form.

(Rus))

(ANTIGEN ANTIBODY REACTION,
same)

MAYSKIY, I.N.; SUVOROVA, G.V.; FILATOV, P.P.

Effect of various doses of ionizing radiations on antigenic and biological properties of Brown-Pearce carcinoma. Report No.2:
Changes of biological properties of the tumor. Biul.eksp.biol.
i med. 47 no.8:88-90 Ag '59. (MIRA 12:11)

1. Iz laboratorii neinfektsionnoy immunologii Instituta eksperimental'-noy biologii (dir. - prof. I.N. Mayskiy) AMN SSSR, Moskva. Predstavlenna deystvitel'nym chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.
(NEOPLASMS radiation eff.)

MAYSKIY, I.N.; SUVOROVA, G.V.; FILATOV, P.P.

Effect of various doses of ionizing radiations on the antigenic properties of Brown-Pearce carcinoma in vitro. Report No.1. Changes in antigenic properties. Biul.eksp.biol. i med. 43 no.7:72-76 (MIRA 12:10) J1 '59.

1. Iz laboratorii neinfektsionnoy immunologii Instituta eksperimental'-noy biologii (dir. - prof.I.N.Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.N.Zhukovym-Verezhnikovym.

(RADIATION EFFECTS)

(CARCINOMA - immunology)

(ANTIGENS)

FILATOV, P.P.

Effect of late reimmunization on tumor antibody formation. Biul.
eksp.biol.i med. 48 no.11:101-103 N '59. (MIRA 13:5)

1. Iz laboratorii neinfektsionnoy immunologii (sav. - prof. I.N.
Mayakiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom
AMN SSSR N.N. Zhukovym-Verezhnikovym.
(NEOPLASMS immunol.)
(ANTIBODIES)

MAYSKIY, I.N.; FILATOV, P.P.; SUVOROVA, G.V.

Effect of antisera against irradiated malignant tissues on the growth of experimental tumors in animals exposed to irradiation.
I. Antibody-producing capacity of irradiated antigens in various species of animals. Biul. eksp. biol. i med. 51 no.4:92-95 Ap '61. (MIRA 14:8)

1. Iz laboratorii neinfektsionnoy immunologii Instituta eksperimental'noy biologii (dir. - prof. I.N.Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.N.Zhukovym-Virezhnikovym.
(CANCER) (ANTIGENS AND ANTIBODIES)
(RADIATION--PHYSIOLOGICAL EFFECT)

MAYSKIY, I.N.; SUVOROVA, G.V.; FILATOV, P.P.

Effect of antisera for irradiated malignant tissues on the growth of experimental tumors in irradiated animals. Report No.2: Action of serum for irradiated ascitic cells on the growth of subcutaneous and ascitic forms of Ehrlich's adenocarcinoma in mice. Biul. eksp. biol. i med. 52 no.8:91-94 Ag '61. (MIRA 15:1)

1. Iz laboratorii neinfektsionnoy immunologii Instituta eksperimental'noy biologii (dir. - prof. I.N.Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.N.Zhukovym-Verezhnikovym:
(SERUM THERAPY) (CANCER RESEARCH)
(X-RAYS...PHYSIOLOGICAL EFFECT)

MAYSKIY, I.N.; SUVOROVA, G.V.; FILATOV, P.P.

Influence of ionizing radiations on the antigenic and biological properties of the rat M-1 tumor. Biul. eksp. biol. i med. 52 no.9:91-93 S '61. (MIRA 15:6)

1. Iz laboratorii neinfektsionnoy immunologii Instituta eksperimental'noy biologii (direktor - prof. I.N. Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.

(TUMORS)

(X RAYS--PHYSIOLOGICAL EFFECT)

ZEDGENIDZE, G.A.; CHERKASOV, V.F.; FILATOV, P.P.; YELASHOV, Yu.G.;
CHERNYACHOVSKAYA, A.K.; SAYENKO, S.F.

Scientific research on radiobiology, clinical radiology and
roentgenology conducted in the institutes of the Academy of
Medical Sciences of the U.S.S.R. in 1964. Vest. AMN SSSR
20 no.9:3-10 '65. (MIRA 18:1)

1. Institut meditsinskoy radiologii AMN SSSR, Obninsk.

L 14160-66 EWA(b)-2/EWA(j)/EWT(1)/EWT(m)/T JK
ACC NR: AP6001321

SOURCE CODE: UR/0249/65/000/009/0065/0070

AUTHOR: Filatov, P. P.; Gaydova, Ye. S.

44

B

ORG: Institute of Medical Radiology, AMN SSSR, Obninsk (Institut meditsinskoy radiologii AMN SSSR); Institute of Labor Hygiene and Occupational Diseases, AMN SSSR, Moscow (Institut gigiyeny truda i profzabolevaniy AMN SSSR)

TITLE: Some aspects of the immunopathology of animals chronically exposed to radioactive zinc (Zn⁶⁵)

SOURCE: AMN SSSR. Vestnik, no. 9, 1965, 65-70

TOPIC TAGS: zinc, immunology, radiation damage, radioisotope, antigen, pathogenesis, gamma globulin

ABSTRACT: Daily peroral administration of Zn⁶⁵C₂ (10 μ c per kg of weight) to rabbits for 18 months significantly altered the animals' antigen structure and protein fractions and brought about morphological changes in various tissues. Antibodies against homologous denatured protein clearly appeared during the 9th month. At the same time there was a marked decrease in the serum albumins while the quantity of

UDC: 617-001.27-07 : 616-018-097-092.9

Card 1/2

2

L 14160-66
ACC NR: AP6001321

gamma and beta globulins increased and the albumin-globulin ratio underwent phasic changes--all suggestive of dysglobulinemia. Tissue changes in the hematopoietic organs included hyperplasia of the reticuloendothelial elements, increase in the number of foci of extramedullary hematopoiesis in the spleen, lymph nodes, and lungs, and enlargement of staff and band cells in bone marrow. Degenerative changes were noted in the liver, kidneys, thyroid, and gonads. Signs of radiation lesions appeared between the 16th and 18th months. Rabbits given smaller doses of Zn⁶⁵ exhibited the same immunological and morphological changes as those receiving the 10 μ c/kg dose but they were less pronounced. Autoimmunological mechanisms play a major role in the pathogenesis of chronic radiation damage. Orig. art. has: 1 figure.

SUB CODE: 06/ SUBM DATE: 05Jun65/ ORIG REF: 023/ OTH REF: 004

Card 2/2-10

FILATOV, P. V.

AGRINSKIY, N. I. and FILATOV, P. V. (Militaro-Veterinary Academy of the Red Army).
On biopsy of liver in horses.

1946
So: Veterinariya; 23; 1; January; Unc1.
TABCON

FILATOV, P.V., Lect.
Moscow Vet. Acad.

"Arterial and venous pressure in horses in chronic form of
infectious anemia."

SO: Veterinarija 28(3), 1951, p. 40

FILATOV, P. V. Doc Vet Sci -- (diss) " Clinical electrocardiography in agr animals." Mos, 1956. 40 pp 21 cm. (Mos Vet Acad. Min of Agr USSR). 140 copies. (KL, 23-57, 115)

-107-
99

SEL'KHOZ, P. V. and PREOBRAZHENSKIY, N. M.

(Candidate of Veterinary Sciences, Associate Professor) Tashkent. "Klinicheskaya Diagnostika vnutrennikh boleznei dorashnikh zhivotnykh" (Clinical Diagnosis of Internal Diseases of Domestic Animals) N. Sel'khozgiz, 1953

Veterinariya, Vol. 38, No. 5 1961

FILATOV, Pavel Vasil'yevich, doktor veter. nauk; SUDAKOV, Nikolay Aleksandrovich, doktor veter. nauk; BELYAYEV, Ivan Mikhaylovich, kand. veter. nauk; ZELEPUKIN, V.S., red.

[Practical exercises in clinical diagnosis by X-raying]
Prakticheskie zaniatiia po klinicheskoi diagnostike s
rentgenologiei. Moskva, Izd-vo "Kolos," 1964. 199 p.
(MIRA 17:5)

BARYSHNIKOV, I.A., otv. red.; ROZHCHEVSKIY, M.P., st. nauchn.
sotr., red.; SUDAKOV, N.A., red.; FILATOV, P.V., red.

[Physiological principles of animal electrocardiography]
Fiziologicheskie osnovy elektrokardiografii zhivotnykh.
Moskva, Nauka, 1965. 136 p. (MIRA 18:3)

1. Akademiya nauk SSSR. Komi filial, Syktyvkar. 2. Ka-
fedra klinicheskoy diagnostiki Moskovskoy veterinarnoy
akademii (for Sudakov). 3. Laboratoriya ekologii i fi-
ziologii zhivotnykh Instituta biologii Komi filiala AN
SSSR, Syktyvkar (for Roshchevskiy).

FILATOV, P.V., doktor veterin. nauk

Recent data on leukemia in cattle. Veterinaria 41 no.9:104-106
S '64.
(MIRA 18:4)

AUTHOR:

Filatov, R.A.

SOV/121-58-8-24/29

TITLE:

A Hydraulic Motor, Model PM-400, for Driving of Honing
Machines (Gidrodvigatel' mod. PM-400 dlya privoda
khoninoval'nykh stankov)

PERIODICAL: Stanki I Instrument, 1958, Nr 8, pp 41-42 (USSR)

ABSTRACT: A 15-cylinder swashplate type hydraulic motor with two opposed plungers in each cylinder is described and shown in cross section. The unit has been manufactured by the "Gidroprivod" Works in Khar'kov to the design of SKB-7. The motor consumes up to 60 kW, weighs 210 kg, has a maximum speed of 950 rpm, a maximum oil consumption of 400 l/min and a maximum pressure of 100 kg/cm². Speed control is accomplished by variable oil flow to the motor, and permits reversal of rotation in operation. There is 1 illustration.

Card 1/1

FILATOV, R.A.

The PO-83 piston pump for hydraulic presses. Biul.tekh.-ekon.
inform. no.10:14-15 '58. (MIRA 11:12)
(Pumping machinery)

FILATOV, R.A., inzh.; LOSHAK, M.Z., inzh.

High-pressure eccentric single-plunger pumps. Vest.mash. 38
no.10:42-43 0 '58. (MIRA 11:11)
(Pumping machinery)

YUDIN, I.E.; FIATOV, R.A.; SHAROVAY, T.V.; PODKAM, E.Z.

Hydraulic jacks used in the mining industry. Biro, techn. ekonom.
Infore. no.4:6 '59. (KIRA 12:7)
(Coal mining machinery)

KOCHNEV, F.; VASIL'YEV, M.; MILATOV, S.

Neutralization of exhaust gases. Avt.transp. 4C no.1:19-21 Ja
'62. (MIR 15:1)
(Automobile exhaust gas)

FILATOV, S. A.

GUREVICH, S.Ye., kandidat tekhnicheskikh nauk; FILATOV, S.A.

Hydraulic corrugation of thin-walled vessels. Avt.trakt.prom.
no.9:27-30 S '54. (MLRA 7:10)

1. ATE-2.
(Sheet-metal work)

3(2) 3(4)

PHASE I BOOK EXPLOITATION SOV/1283

Kell', L.N., Doctor of Technical Sciences; S.A. Filatov, Candidate of Technical Sciences; S.V. Chistyakov, Candidate of Technical Sciences; and Ye.L. Astvatsaturov, Engineer

Metodicheskiye ukazaniya po nazemnoy stereofotogrammetricheskoy s"yemke kar'yerov (Practical Instructions for Terrestrial Stereophotogrammetric Surveys of Open-pit Mines) Moscow, Ugletekhnizdat, 1957. 141p. 1,100 copies printed.

Sponsoring Agency: Vsesoyuznyy nauchno-issledovatel'skiy mazheyderskiy institut.

Ed.: Omel'chenko, A.N.; Tech. Eds.: Korovenkova, Z.A. and Aladova, Ye.I.

PURPOSE: This book is intended as a manual for surveyors of open-pit mines.

COVERAGE: The subject text is the result of experiments and tests of the All-Union Scientific Research Institute of Mine Surveying (VNIMI) during the 1951-1955 Five Year Plan. It is devoted solely to the

Card 1/5

Practical Instructions (Cont.)

SOV/1283

terrestrial stereophotogrammetric technique. However, preparatory reconnaissance, field measurements and photo-lab procedures are also described. The following scientists reviewed and made contributions to the text: Professor D.N. Ogloblin, Professor F.F. Pavlov, Professor F.V. Drobyshev, Docent M.N. Yutanov, Docent D.M. Kudritskiy, Candidate of Technical Sciences M.A. Peregudov and Candidate of Geological and Mineralogical Sciences Yu.G. Staritskiy as well as the mine-surveyors of the Korkinugol' Trust. There are 7 Soviet references.

TABLE OF CONTENTS:

Introduction	3
A. FUNDAMENTALS OF STEREOSURVEYS OF OPEN-PIT MINES	
I. General Concepts -- From the Theory of Terrestrial Stereophotogrammetric Surveying	10
1. Basic principles and formulas	10
2. Accuracy of terrestrial stereosurveys	19

Card 2/5

Practical Instructions (Cont.)

SOV/1283

II. Basic Situations in Terrestrial Stereosurveys of Open Pit Coal Mines	22
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B. FIELD AND OFFICE PROCEDURES

III. Field Work	27
1. Reconnaissance	27
2. Ground surveys	32
3. The photogrammeter [type of photo alidade] and its adjust- ments	33
4. Photographing procedure	39
IV. Photo-laboratory Work	42
1. The negative process	42
2. The positive process	46
V. Office Procedures	48
1. Computation of the control network	48
2. Fundamentals of laying out and constructing photogrammetric nets	54
3. Photogrammetric work	57
Card 3/5	

Practical Instructions (Cont.)

SOV/1283

4. Compiling the plan	66
C. GEOLOGICAL RECORDS FROM STEREOSURVEY DATA	
VI. Basic Requirements	74
VII. Compiling the Initial Basic Data	77
1. The geological interpretation of a photo	77
2. Determining the positional elements of bedded deposits	79
3. Construction of graphics for the inclined layers of the benches	83
4. Construction of cross-sections for coal beds	90
VIII. Supplementation and Revision of Cartographic Materials	93
1. Geological maps of each horizon	93
2. Geological cross sections	101
3. Hypsometric plans and other geological graphics	106

APPENDIXES

Determining the Elements of Internal Orientation of a Photocamera 109
Card 4/5

Practical Instructions (Cont.)	SOV/1283
Description of Photogrammeter VNIMI (All-Union Scientific Research Institute of Mining) FG - 300	112
Photo Processing Formulas	115
Computation and Construction of Stereophotogrammetric Grids	120
The Stereocomparator, Its Construction and Adjustment	124
Drafting Instrument "ChP" and Its Adjustment	130
Description of the Logarithmic Computing Device	136
Bibliography	139

AVAILABLE: Library of Congress

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Card 5/5

FILATOV, SERGEY ALEKSEANDROVICH

RUDAKOV, Mikhail Lazarevich, prof.; GUSEV, Nikolay Andreyevich, dotsent;
FILATOV, Sergey Aleksandrovich, kand.tekhn.nauk; NENAZHIVIN,
Aleksandr Vasil'yevich, inzhener; RASHKOVSKIY, Yakov Zel'manovich,
inzhener; SMOL'NIKOV, Pavel Alekseyevich, inzhener; ZORIN,
Il'ya Petrovich, inzhener; LOGINOVSKIY, Vasiliy Mikhaylovich,
inzhener; BUTKEVICH, T.V., red.; LISHUTIN, B.G., red.; LUCHKO, Yu.V.,
red.izdatel'stva; ZMP, Ye.M., tekhn.red.

[Mine surveying in strip mining] Marksheiderskie raboty na
kar'erkakh. Pod obshchei red.B.G.Lishutina i A.V.Nenazhivina.
Sverdlovsk, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, Sverdlovskoe otd-nie, 1957. 691 p. (MIRA 10:12)
(Mine surveying)

FILATOV, S.A., kand.tekhn.nauk

Problem of necessary and sufficient accuracy in the planning of mines
in working coal depots. [Trudy] VNIMI no. 33:5-21 '58.

(MIRA 14:5)

(Coal mines and mining)

FILATOV, S.A., kand.tekhn.nauk; SHUL'GO, Ye.I., inzh.

Analysis of accuracy in the underground running of trigonometric leveling. [Trudy] VNIMI no. 33:32-53 '58. (MIRA 14:5)
(Mine surveying)

FILATOV, S.A., kand.tekhn.nauk, otv.red.; RASHKOVSKIY, Ye.Z., starshiy inzh., red.; NIKIFOROV, B.I., prof., doktor tekhn.nauk; SHUL'GO, Ye.I., inzh., starshiy nauchnyy sotrudnik. Prinimali uchastiye: MIL'NER, Ye.S., inzh., red.; ZEBODE, I.V., inzh., red. SLAVOROSOV, A.Kh., red.izd-va; LOMILINA, L.N., tekhn.red.

[Technical instructions on mine surveying] Tekhnicheskaya instruktsiya po proizvodstvu marksheyderskikh rabot. Leningrad, Ugletekhizdat, 1959. 371 p. (MIRA 13:12)

1. Nachal'nik otdela metodiki marksheyderskikh rabot Vsesoyuznogo nauchno-issledovatel'skogo marksheyderskogo instituta (for Filatov).
2. Tekhnicheskoye upravleniye Gosgortekhnadzora SSSR (for Rashkovskiy).
3. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut (for Shul'go).
4. Glavnyy marksheyder ugol'nogo kar'yera No.1 tresta Korkinugol' (for Mil'ner).
5. Nachal'nik tekhnicheskogo otdela Soyuzmarkshtresta (for Zebode).

(Mine surveying)

FILATOV, S.A., kand.tekhn.nauk

New equipment for mine surveying. Biul.tekh.-ekon.inform.
no.12:10-14 '61. (MIRA 14:12)
(Mine surveying---Equipment and supplies)

FILATOV, S.A., kand.tekhn.nauk

Tasks in mine surveying in light of the decisions of the 22d Congress of
the CPSU. [Trudy] VNIMI no.45:3-9 '62. (MIRA 16:4)
(Mine surveying)

FILATOV, S.A., kand. tekhn. nauk

Mine surveying and codification of mining law. [Trudy] VNIMI
no. 47-278-290 '62 (MIRA 17-7)

SA FILATOV, S.

Preparation of methylethylianiline. Ya. Ya. Makarov, Zemlyanskiy, S. I. Filatov and V. S. Vilechkin. *J. Applied Chem. (U.S.S.R.)* 10, 100 (1937). - (a) Me_2SO (318 g.) was added by drops to the soln. of PhNH_2 204, NaOH 252 g. and water 370 cc., while keeping the temp. always below 4° , with const. stirring. The stirring was continued for 1 hr. after all the Me_2SO had been added, and the resulting soln. was treated with 200 cc. of 40% NaOH . PhNH_2Me (I) was extd. with 100 cc. of Et_2O and dried over NaOH (solid). After 12 hrs., the Et_2O was distd. off and I was fractionated. The yield of I by $200-4^\circ$, was 100 g. (70%). (b) $\text{MeC}_2\text{H}_5\text{SO}_2\text{Me}$ (II) was added in small portions with const. stirring to the mixt. of PhNH_2 10.1 g. in a soln. of NaOH 8 g. in 12 cc. of water preheated to 80° . After the addn. of II, the mixt. was kept at 80° for 1 hr., then the resulting mixt. was treated with 20 cc. of 20% NaOH and cooled. I was extd. with Et_2O . The yield of I, b. $200-4^\circ$, was 85.69% (theory). (c) The mixt. of PhNH_2 103, MeOH 54.8, concd. H_2SO_4 7.30 g. was heated in a rotating steel autoclave for 10% hrs. at 170° 185° and finally at 210° for 2 hrs. Then, the excess of MeOH was distd. off and the mixt. of secondary and tertiary amines was steam-distd. extd. with Et_2O and dried over solid NaOH , yielding I 80.83 and PhNH_2 0.07%. II, 80, can be substituted by MeHSO_2 (10 g.) and the mixt. heated gradually (10 hrs.) from 185° to 204° . In this case the yields were 88.78 and 0.79%, resp. (d) PhNH_2 107, MeOH 54.8 and Me_2SO 11.3 g. were treated as in (c) heated for 0.5 hrs. at 180° ,

for 3 hrs. at $180-5^\circ$, and for 3 hrs. at 210° , yielding 184.0 and PhNH_2 0.46%. For identification of the I obtained, its picrate was prepd.; it formed light yellow rhombic crystals, m. $141-3^\circ$ (after several recryst.). Komarov (U. S. S. R. 1920) and Singh (C. A. 11, 1110) gave the m. p. of this picrate as $121-2^\circ$ and $134-5^\circ$, resp., but the ultimate analysis of the picrate obtained proved that the picrate of I, m. $141-3^\circ$. The content of I in the mixt. of amines was detd. by transforming it into $p\text{-NO}_2\text{C}_6\text{H}_4\text{NH}_2\text{Me}$, m. 67°, by the usual method (keeping the temp. below 1°), with a yield of 94% (theory). Twenty-eight references. A. A. Podgorny

10

FILATOV, S. F.

"Synthesis of Arylhydrazones of Substituted Pyruvic Acid and Their Conversion into an Ester of Indolyl-2-Carboxylic Acid." Sub 13 Apr 51, Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleyev.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 430, 9 May 55

FILATOV, S.G.

Role of research physicians of Transbaikalia in studying Urov
disease. Ortop.travm. i protez. 18 no.4:66-67 Jl-Ag '57.
(MIRA 11:1)

1. Iz Irkutskogo nauchno-issledovatel'skogo instituta ortopedii
i vosstanovitel'noy khirurgii (dir. - prof. Z.V.Basilevskaya)
(TRANSBAIKALIA--ARTHRITIS)

FILATOV, S.G.

Nikolai Ivarovich Kashin (1825-1872), the explorer of the Urcv diseases; on the 90th anniversary of his death. Ortop., travm. i protez. 24 no.11:78-79 N '63.

(MIRA 17:10)

1. Iz Irkutskogo instituta travmatologii i ortopedii (dir. - prof. Z.V. Bazilevskaya). Adres avtora: Irkutsk, ul. Bortsov revolyutsii, dom 1, Institut travmatologii i ortopedii.

ACCESSION NR: AP4040388

S/0133/64/000/006/0540/0544

AUTHORS: Okhrimovich, B. P. (Engineer); Tishchenko, O. I. (Engineer); Filatov, S. I. (Engineer); Kolyasnikova, R. I. (Engineer); Gurevich, Yu. G. (Candidate of technical sciences)

TITLE: Dark crust in the macrostructure of stainless heat resistant alloyed structural steels

SOURCE: Stal', no. 6, 1964, 540-544

TOPIC TAGS: steel, stainless steel, heat resistant steel, crust formation, steel 13Kh12NMFA, steel 13Kh14NVFRA, steel 20Kh15N3MA, steel Kh17N2, steel 4Kh9S2, steel Kh28, steel Kh17, steel Kh25, structural steel 18KhNVA, structural steel 15KhGNTA, structural steel 18KhNT, structural steel 4OKhNMA

ABSTRACT: This study is a continuation of a previous investigation on the nature of dark crusts common on stainless heat-resistant steels of the types 13Kh12NMFA, 13Kh14NVFRA, 20Kh15N3MA, Kh17N2, Kh17, Kh25, 4Kh9S2, Kh28 and on the alloyed structural steels 18KhNVA, 15KhGNTA, 18KhNT, 4OKhNMA. The investigation consisted of metallographic analysis of samples cut from "healthy" and from defective sections of ingots, and the comparison of their compositions and structures. Metal-

Card 1/2

ACCESSION NR: AP4040388

graphitic study showed that defective sections were richer in carbon, aluminum, and aluminum oxides. Large silicate inclusions of complex composition with multiple aluminate inclusions were found to be distributed regularly in the direction of deformation. Corundum represented the basic part of the precipitate and occurred in the form of transparent colorless grains ($N_g = 1.767$). Spinel and titanium were less common. The precipitate also contained colored anisotropic inclusions with $N_g = 1.775$. The experiments revealed that the dark crust originated in the deadhead zone and penetrated the body of casts during the crystallization period. Defects caused by crust formation were eliminated by preventing the chipping of the crust and its subsequent sinking into the metal. This was achieved by decreasing the heat of flux by sprinkling lunkerite 28, vermiculite powder, or chamotte over the ingots (2 kg per ton of metal). Orig. art. has: 1 table, 6 figures, and 1 formulas.

ASSOCIATION: Zlatoustovskiy metallurgicheskiy zavod i Chelyabinskij politekhnicheskiy institut (Zlatoust Metallurgical Plant and Chelyabinsk Polytechnic Institute)

SUBMITTED: 00

DATE ACQ: 24Jun64

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Card 2/2

NO REF Sov: 015

OTHER: 000

OKHRIMOVICH, B.P., inzh.; TISHCHENKO, O.I., inzh.; FILATOV, S.I., inzh.;
KOLYASNIKOVA, R.I., inzh.; GOREVICH, Yu.G., kand.tekhn.nauk

Dark crust in the macrostructure of stainless, heat-resistant
structural steel alloys. Stal' 24 no.6:540-544 Je '64. (MIRA 17:9)

1. Zlatoustovskiy metallurgicheskiy zavod i Chelyabinskii
politekhnicheskiy institut.

FILATOV, S.I.; SAMYLINA, V.A.

Stratigraphy and flora of Lower Cretaceous sediments in the
Balygychan-Sugoy Trough. Dokl. AN SSSR 166 no.1:186-189 Ja
'66. (MTRA 19:1)

1. Severo-Vostochnoye geologicheskoye ugravleniye i Botanicheskii
Institut im. V.L.Komarova AN SSSR. Submitted August 2, 1965.

KHASIN, G.A.; MENUSHENKOV, P.P.; PETROV, A.K.; OKHRIMOVICH, B.P.; DAVIDYUK, V.N.; FILATOV, S.K.; VASIL'YEV, P.V.; LOKTICNOV, M.V.; GUREVICH, Yu.G.

New method of mold coating with petrolatum. Metallurg 5 no.5:21-24
My '60. (MIRA 14:3)

1. Zlatoustovskiy metallurgicheskiy zavod i Chelyabinskij
politekhnicheskiy institut.
(Ingot molds) (Petrolatum)

ZHALYBIN, V.I.; FILATOV, S.K.; VOLKOVICH, V.A.

Mastering the production of 0Kh23IU5 steel. Metallurg 9 no.12:17-19
D '64. (MIRA 18:2)

l. UkrNIIspetstal' i Zlatoustovskiy metallurgicheskiy zavod.

TRAKHIMOVICH, V.I., inzh.; CHISTYAKOV, S.L., inzh.; MOKHIR, Ye.D., inzh.;
FILATOV, S.K., inzh.; YAKOBSON, V.Z., inzh.

Improving the technology of the production of OKh23N18 and
Kh23N18 steels. Stal' 25 no.12:1092-1094 D '65.
(MIRA 18:12)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy
metallurgii imeni I.P. Bardina i Zlatoustovskiy metallurgicheskiy
zavod.

ACC NR: AP6035655 SOURCE CODE: UR/0133/66/000/011/1041/1044

AUTHOR: Chistyakov, S. L.; Mokhir, Ye. D.; Filatov, S. K.

ORG: Zlatoustov metallurgical plant (Zlatoustovskiy metallurgicheskiy zavod)

TITLE: Effect of cerium on the structure and properties of OKh23N18 steel

SOURCE: Stal', no. 11, 1966, 1041-44

TOPIC TAGS: ^{CERIUM} oxidation resistant steel, stainless steel, chromium nickel steel, cerium containing steel, steel structure, steel property/ OKh23N18 stainless steel

ABSTRACT: Several heats of OKh23N18 stainless steel were melted in a 10-ton basic arc furnace, with ferrocerium added as the finishing period and cast into 2.7-ton ingots. It was found that the presence of cerium in the solid solution affects the diffusional processes taking place in steel during its crystallization and thus helps to reduce dendritic nonuniformity. This in turn results in a more uniform structure which makes it possible to expand the hot-working temperature range without danger of cracking. Orig. art. has: 6 figures.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 005
Card 1/1 UDC: 669.15-194

ACC NR: AP6035655

SOURCE CODE: UR/0133/66/000/011/1041/1044

AUTHOR: Chistyakov, S. L.; Mokhir, Ye. D.; Filatov, S. K.ORG: Zlatoustov metallurgical plant (Zlatoustovskiy metallurgicheskiy zavod)TITLE: Effect of cerium on the structure and properties of OKh23N18
steel 27 19SOURCE: Stal', no. 11, 1966, 1041-44TOPIC TAGS: ^{CERIUM} oxidation resistant steel, stainless steel, chromium nickel steel, cerium containing steel, steel structure, steel property/
OKh23N18 stainless steel 15ABSTRACT: Several heats of OKh23N18 stainless steel were melted in a 10-ton basic arc furnace, with ferrocerium added as the finishing period, and cast into 2.7-ton ingots. It was found that the presence of cerium in the solid solution affects the diffusional processes taking place in steel during its crystallization and thus helps to reduce dendritic nonuniformity. This in turn results in a more uniform structure which makes it possible to expand the hot-working/temperature range without danger of cracking. Orig. art. has: 6 figures.SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 005
Cord 1/1 UDC: 669.15-194

KOZ'MA, A.A., inzhener; FILATOV, S.M., inzhener.

Increasing the operating dependability of MKP-35 circuit breakers. Elek.
(MIRA 6:11)
sta. 24 no.11:29-32 N '53.
(Electric circuit breakers)

FILATOV, S.R., inzhener.

"Technical control in shipbuilding" by V.L. Vasil'ev, A.A. Golden-
berg. Reviewed by S.R. Filatov. Sudostroenie 23 no. 7:57-58 Jl '57.
(Shipbuilding) (MLRA 10:8)
(Vasil'ev, V.L.)

Filatov, S.R.

PHASE I BOOK EXPLOITATION

407

Zizyukin, Mikhail Il'in

Preduprezhdeniye i analiz braka v mashinostroyenii (Prevention and Analysis of Waste in Machine Building) Moscow, Mashgiz, 1957.
221 p. 6,000 copies printed.

Reviewers: Bozhukov, B.P. and Filatov, S.R., Engineers; Ed.: Rabinovich, P.M., Docent; Ed. of Publishing House: Temkin, A.V.; Tech. Ed.: Uvarova, A.F.; Managing Ed. of literature on the economics and organization of production: Saksganskiy, T.D.

PURPOSE: This book is intended for industrial engineers, technical personnel and economists.

COVERAGE: The book deals with the analysis of production rejects and methods of current production control. Special emphasis is placed on statistical methods of production quality control and the analysis of manufacturing processes used in Soviet and foreign plants. Various methods of production inspection and non-destructive testing, such as ultrasonic and radiographic methods,

Card 1/5

Prevention and Analysis of Waste in Machine Building 407
are discussed, and definitions of industrial terms used in quality
control are given. Chapter III was written by Docent P.M.
Rabinovich. There are no references.

TABLE OF
CONTENTS:

Foreword	3
Ch. I. The Finished Product and Its Quality	5
1. Concept of the finished product	5
2. Analysis of quality of finished products	5
Ch. II. Production Rejects, Their Registration and Analysis	11
1. Concept of the reject	11
2. Kinds of rejects, their causes and personnel responsible	13
3. Classification of rejects	13

Card 2/5

Prevention and Analysis of Waste in Machine Building	407
4. Inspection of production and registration of rejects	17
5. Removal and storage of rejects	18
6. Losses due to rejects	20
7. Analysis of rejects on the basis of production records	21
Ch. III. Elements of Mathematical Statistics and the Theory of Probability as Applied to Analysis of Rejects and Production Control	28
1. Elements of mathematical statistics and the theory of probability	28
2. Sampling method of control	40
3. Correlational analysis	57
4. Distribution curves	63
5. Use of mathematical statistics in production quality control	65

Card 3/5

Prevention and Analysis of Waste in Machine Building	407
Ch. IV. Analysis of Rejects by the Statistical Method	85
1. General trends in analysis of rejects	85
2. Use of frequency curves in analysis of causes of rejects	86
3. Determination of probability of rejects according to statistical distribution laws	88
	115
Ch. V. Current Production Control	
1. Quality control of supplier's materials, semi-finished and finished products	116
2. Production quality control in foundries	116
3. Statistical quality control in foundries	129
4. Basic measures for prevention of rejects in foundries	141
5. Quality control by means of mechanical devices in mechanical manufacturing shops	146
6. Quality control of finished products in assembly shops	157

Card 4/5

Prevention and Analysis of Waste in Machine Building 407

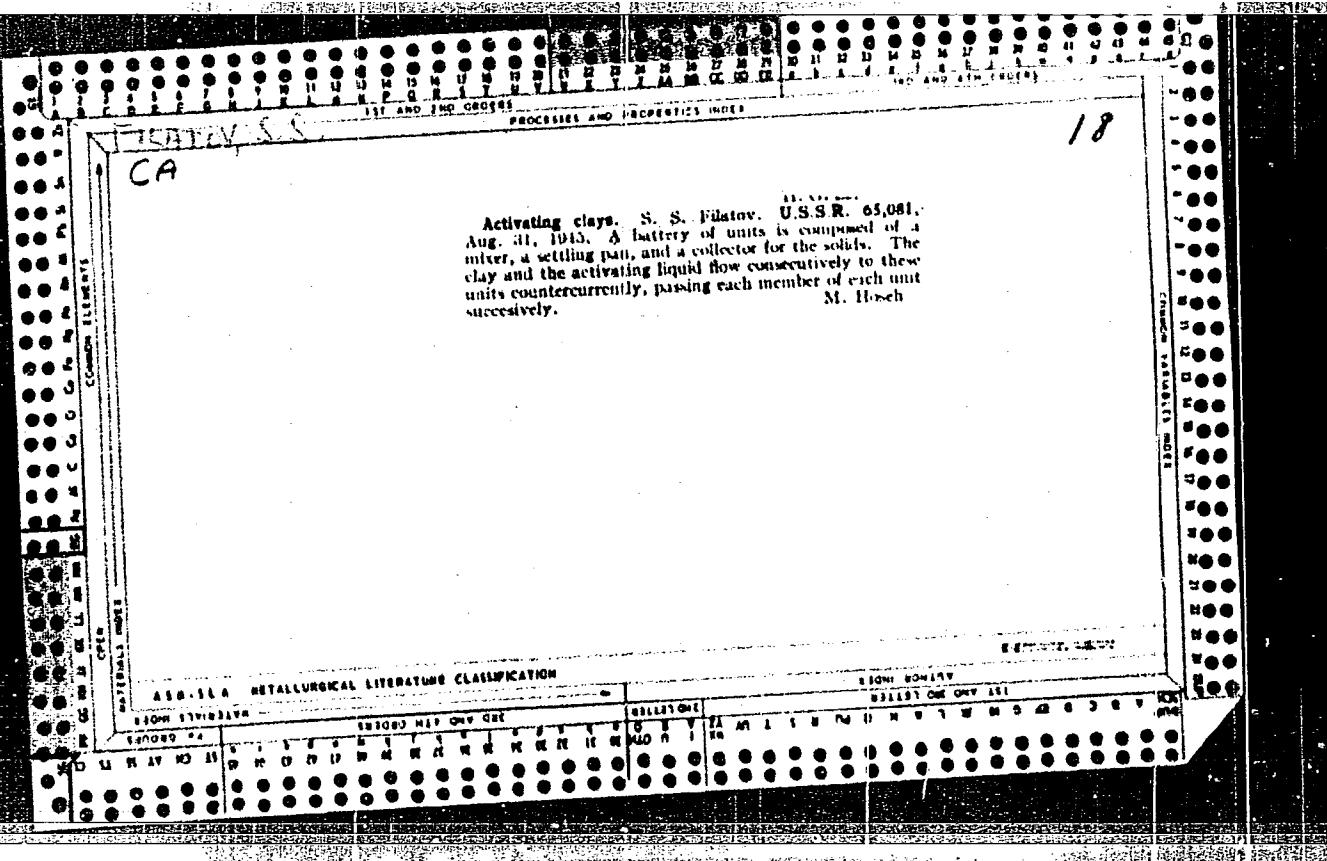
7. Organizational and technological measures for prevention of low-quality production	174
8. Socialist competition	177
9. Organization and control of technological processes in foreign plants	179
	186

Appendixes

AVAILABLE: Library of Congress

GO/ksv
8-1-58

Card 5/5



1. FILATOV, S. S.
2. USSR (600)
4. Aluminum - Tkvibuli Region
7. Study of the processes of obtaining aluminum oxide from the ash of the Tkvibuli carbonaceous shales. Abstract Izv.Glav.upr.geol.fon. No. 3, 1947.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

FILATOV, S. S. (Prof.)

Co-author with A. Tvalchrelidze, "Bentonite Clay Plants" source N: Zarya Vostoka, #182
Published in Tbilisi, 4 Aug 53. Extract of article filed in Tvalchrelidze's
case --# 4005630

TI 148574,

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000413020015-5

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000413020015-5"

FILATOV, S.S.

Bentonites of Sarigyukh deposit in Armenia. M. S. Meratashvili, S. S. Filatov, and N. P. Tugushi (Inst. Mineral Deposits, Tbilisi). Zoobisshcheniya Akad. Nauk Gruzin. S.S.R. 15, No. 7, 431-5 (1954) (in Russian). — A detailed study of these bentonites (I) has shown that they can be used not only in drilling but also in many other fields. Suspensions of I are stable, have high structural and thixotropic properties and a sp. gr. of 1.03-1.05. The α_s , detd. by the immersion method, were γ' 1.504, α' 1.490, and thermal analysis data indicate that I are composed mostly of clays of the montmorillonite group. By sedimentation analysis I, in a 2% suspension, yields 8-15% of material with particle size $\geq 60 \mu$, 19-41% with particle size = 1.5-60 μ , and 50-75% with particle size $\leq 1.5 \mu$. The cmt. of the latter material might be increased to 90% by using a small amt. of Na pyrophosphate peptizer. E. Barabash.

(R) (CH) (2) (2)

KOCHREV, K.V.; FILATOV, S.S.

Aerodynamics of flow in open-cut mining. Trudy Gor.-geol. inst.
UFAN SSSR no.31:245-250 '58. (MIRA 12:9)
(Strip mining) (Mine ventialtion)

MERABISHVILI, M.S., glavnnyy red.; AVALIANI, G.A., red.; BAKRADZE, I.V.,
red.; DOLABERIDZE, L.D., red.; KAKABADZE, M.A., red.; KOMETIANI,
G.A., red.; TVALCHRELIDZE, G.A., red.; TEGONIIDZE, G.I., red.;
FOKIN, A.M., red.; FILATOV, S.S., red.; EDILASHVILI, V.Ya.,
red.; BEREZOVSAYA, L.I., red.izd-va; IVANOVA, A.G., tekhn.red.

[Yearbook of the Caucasus Institute of Raw Minerals for 1957]
Ezhegodnik Kavkazskogo instituta mineral'nogo syr'ia za 1957
god. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane
nedr, 1959. 54 p. (MIRA 13:12)

1. Tiflis. Kavkazskiy institut mineral'nogo syr'ya.
(Caucasus--Mines and mineral resources)

3(5) PHASE I BOOK EXPLOITATION 507/2505

Akademiya nauk Gruzinskoy SSR. Sovet po isucheniyu prirody i vnutrennykh sil. 370 p. Karta slip inserted. 2,500 copies printed.

Periodicheskoye posudoye Gruzinskoy SSR. t. 2: Neometallicheskaya polzunstvo. Izmopriyevy (Natural Resources of the Georgian Soviet Socialist Republic. v. 2: Nonmetallic Mineral Deposits) Moscow. Izd-vo AN GSSR, 1959. 370 p. Karta slip inserted.

1. P.M. Tsvetadze, Corresponding Member, Gruzinskoy SSR Academy of Sciences; Ed. of Publishing House; K.N. Peder'yan; Tech. Ed.; N.P. Gerasimov; Editorial Board; R.I. Achadze, Sh. R. Archazashvili, N.D. Tsvetadze, G.G. Gvazdikashvili, M.I. Gvazdikashvili, A.I. Dzhanelidze, G.G. Dzhonashvili, D.V. Dzurishvili, M. M. Kataloveli, I.G. Mikashvili, N.M. Rubinashvili, A.A. Tsvetadze (deceased), G.V. Gvittashvili, and P.G. Shengaryashvili.

PURPOSE: This book is intended for economic geologists and mineralogists.

COVERAGE: This collection of articles describes the nonmetallic mineral deposits of the Gruzinetskaya SSR and the extent to which they have been exploited. Individual articles discuss the importance of barite, dolomite, talc, andesite, and other minerals; discuss the importance of chemical industry, of barite, gumbrite, and bentonitic clays to the petroleum industry; and of marble, slate, and limestones to the construction industry. A map depicting the major nonmetallic mineral deposits is included with the work. No personalities are mentioned. References accompany each article.

77 Glaucophane of Georgia

Bentonitic Clays. Tsvetadze, A.A., S.M. Tsvetadze and M.L. Tsvetadze

172 Silicate

181 Bentonitic clay deposits in Georgia

181 Quartz

185 Gomberi deposits

185 Akhalkalaki group deposits

185 Other deposits of bentonitic clay in Georgia

186

191 Brick and tile clays. Gorbunov, S.S.

191 Deposits of brick and tile clays in Georgia

191 Clay deposits around Tbilisi

191 Clay deposits of Kakhetia

191 Clay deposits of central Georgia

191 Clay deposits of western Georgia

191 Clay deposits of Adjara

191 Clay deposits of Abkhazia

191 Appendices

191 Refractory Clays. Tsvetadze, A.A., M.L. Tsvetadze

198 Refractory clay deposits of Georgia

198 Shatashvili's deposit of refractory clays

198 Refractory clay deposit of the Kutaiskaya region

198 Khevsuretiya limestone deposits

198 Refractory clays in the Gori district region of Georgia

198 Other deposits of refractory clays in Georgia

198 Graphite. Gorbunov, S.S.

198 Graphite of Georgia

198 Dolomite. Tsvetadze, M.D.

198 Dolomite deposits of Georgia

198 Dolomite deposits of Georgia

198 Aborozh'ye dolomite deposit

198 Other dolomite deposits

198 Limestone. Guriadze, V.L. and A.N. Ter'yan

163 Limestone deposits of Georgia

163 Limestone as raw material for cement production

163 Limestone as raw material for lime production

169 Limestone deposits of eastern Georgia

171 Limestone deposits of western Georgia

175 Fluorite limestone

FILATOV, S.S.; KOCHNEV, K.V.; VASIL'YEV, M.V.

Searching for practical methods of controlling exhaust gases from
truck haulage in strip mines. Gor.zhur. no.5:65-68 My '60.
(MIRA 14:3)

1. Ural'skiy filial AN SSSR, Sverdlovsk.
(Mine sanitation) (Automobile exhaust gas)

KOCHNEV, K.V., prof., doktor tekhn.nauk; FILATOV, S.S., mladshiy nauchnyy
sotrudnik

Improvement of atmospheric conditions in deep quarries. Sbor. rab.
po silik. no.2:3-14 '60. (MIRA' 14:3)

1. Gorno-geologicheskiy institut Ural'skogo filiala AN SSSR.
(MINE VENTILATION) (MINE DUSTS)

FILATOV, S.S.

Methods of neutralizing exhaust gases of strip mine automotive
transportation. Trudy Gor.-geol. inst. UFAN SSSR no.55:85-94
'60. (MIRA 15:6)
(Mine haulage) (Air---Pollution)

FILATOV, S. S., Cand Tech Sci -- "Methods of improving atmospheric conditions in deep open-pit mines." Sverdlovsk, 1961.
(Min of Higher and Sec Spec Ed UkrSSR. Dnepropetrovsk Order
of Labor Red Banner Min Inst im Artem) (KL, 8-61, 250)

- 323 -

FILATOV, S.S.

Using spectrum analysis for the division and correlation of
Lower Paleozoic sediments in the southern slope of the Anabar
Massif. Trudy VNIGRI no.186:406-531 '61. (MIRA 15:3)
(Anabar Shield--Geology, Stratigraphic) (Spectrum analysis)

KOCHNEV, K.V., prof., doktor tekhn.nauk; REZNIKOV, N.A., gornyy inzh.; FILATOV,
S.S., gornyy inzh.

Controlling dust formation in the Korkino open-pit mine.
Sbor. rab. po silik. no.3:79-85 '61. (MIRA 15:10)

1. Gorno-geologicheskiy institut Ural'skogo filiala AN SSSR, trest
Korkinugil'.
(Chelyabinsk Basin—Coal mines and mining) (Mine dusts)

FILATOV, S.S., gornyy inzh.

Study of natural air movement in deep pits. Sbor. rab. po silik. no.3:
91-107 '61. (MIRA 15:10)

1. Gorno-geologicheskiy institut Ural'skogo filiala AN SSSR.
(Ural Mountains--Mine ventilation)

FILATOV. S.S.

Catalytic afterburning as a method of neutralizing the exhaust
gases from dump trucks in open pits. Trudy Inst.gor.dela UFAN
SSSR no.4:149-154 '62.

(Crushing machinery)

(MIRA 16:5)

(Conveying machinery)

FILATOV, S.S.

Catalytic afterburning as a method of neutralizing the exhaust gases
from dump trucks in open pits. Trudy inst.gor.dela UFAN SSSR no.4:
155-163 '62.

(MIRA 16:5)

(Automobile exhaust gas—Purification)

FILATOV, S.V., Cand Med Sci -- (diss) "Comparative study
therapeutic ^{ed} implantations of ~~preservative~~ tissues
of ~~remedial~~ ^{unseen} introduced by means of a syringe and through ~~scat.~~"
Odessa, 1958, 16 pp. (Odessa State Med Inst im N.I.
Pirogov) 200 copies (KL, 39-58, 112)

- 75 -

FILATOV, S.V., mladshiy nauchnyy sotrudnik

Therapeutic and biological activity of tissue extracts administered
in a pulverized form. Uch. zap. UENGB 4:215-228 '58. (MIRA 12:6)

1. Ukrainskiy eksperimental'nyy institut glaznykh bolezney i tkanevoy
terapii imeni akademika V.P. Filatova.
(TISSUE EXTRACTS)

FILATOV, S.V., mladshiy nauchnyy ostrudnik

Comparative rating of the effec of different concentrations of
pilocarpine on intraocular pressure in glaucoma. Oft.zhur. 13
no.2:99-103 '58. (MIRA 11:4)

1. Iz Ukrainskogo nauchno-issledovatels'skogo eksperimental'nogo
instituta glaznykh bolezney i tkanevoy terapii im. akad. V.P.
Filatova (direktor-prof. N.A.Puchkovskaya).
(PILOCARPINE) (GLAUCOMA)

PUCHKOVSKAYA, N.A., prof.; DANCHEVA, L.D., kand.med.nauk; FILATOV, S.V.,
kand.med.nauk

First Congress of the European Ophthalmological Society in Athens.
Oft.zhur. 15 no.4:248-255 '60. (MIRA 13:11)
(OPHTHALMOLOGICAL SOCIETIES)

ZENKEVICH, L.A. ; MOKLEVSKIY, O.B. ; USHAKOV, P.V. ; FILATOV, S.Z.

At the First International Oceanographic Congress in the United
States. Zool. zhur. 39 no.5:797-800 My '60. (MIRA 13:10)
(Oceanography--Congresses)

FILATOV, V.

FILATOV, V.

Improving operations of K-24, K-25, and K-25A carburetors. Avt.
transp. 36 no.1:33 Ja '58. (MIRA 11:1)
(Automobiles--Engines--Carburetors)

FILATOV, V., inzhener.

Automatic mill. Tekh.mol.24 no.1/2:44-45 Ja-F '56. (MIRA 9:7)
(Windmills)

SOV/112-57-9-18513

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 9, p 58 (USSR)

AUTHOR: Filatov, V.

TITLE: The D-12 Windmill (Vetrodvigatel' D-12)

PERIODICAL: Sovkhoznoye proiz-vo, 1956, Nr 9, pp 73-75

ABSTRACT: A short description of (1) "Fermer #2" windmill outfit and (2) a shaft well or a borehole with a piston-type NP-95 pump driven by the 14-hp D-12 windmill. The flour mill is driven by a belt via an automatic-clutch drum. A type "VL" winch with a type NP-95 piston pump is used for lifting water; they are supplied by the manufacturer along with the windmill. The winch also has a belt drive operating from a pulley of the lower reducing gear of the windmill. With an average annual wind velocity of 5 m/sec, the outfit can mill up to 2,000 t of fodder grain and lift up to 2,000 m³ water per year from 60 m depth. One man is needed to operate the outfit. Two schemes of the outfit are presented.

B.A.P.

Card 1/1

SHARAV'YEV, I.; FILATOV, V.

Labor protection in mines. Mast.ugl.5 no.9:6 S '56. (MLRA 9:10)

1.Predsedatel' Kemerovskogo obkoma profsoyuza rabechikh ugol'ney
promyshlennosti (for Sharav'ev).2.Zaveduyushchiy etdelom ekhrany truda
Kemerovskogo obkoma profsoyuza (for Filatov).
(Coal miners--Diseases and hygiene)

FILATOV, V.

Initiative born in Kuznetsk Basin. Okh.truda i sots.strakh.
no.1:36 Ja '60. (MIRA 13:5)

1. Zaveduyushchiy otdelom okhrany truda Kemerovskogo oblastovprofa.
(Coal mines and mining--Safety measures)

FILATOV, V.

Practice days in the fields. Prof.-tekhn. obr. 17 no.6:22-24 Je
'60. (MIRA 13:7)

1. Zamestitel' nachal'nika Stavropol'skogo krayevogo upravleniya
professional'no-tehnicheskogo obrazovaniya.
(Agriculture--Study and teaching)

FILATOV, V.; BISNOVATYY, L.

We are helping the villages. Okhr.truda i sots.strakh. 4 no.11:
15 N '61. (MIRA 14:12)

1. Glavnyy tekhnicheskiy inspektor Kemerovskogo oblssovprofa (for
Filatov). 2. Tekhnicheskiy inspektor Kemerovskogo oblssovprofa
(for Bisnovatyy).

(Agriculture--Safety measures)

KONSTANTINOV, G.N.; FILATOV, V.A.

Estimating the prospects for magnetic anomalies. Geol. i geofiz.
no.6:116-119 '63. (MIRA 19:1)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki
i mineral'nogo syr'ya, Novosibirsk. Submitted June 16, 1962.

ZAGRANOVSKIY, B.N., inzh.; FILATOV, V.F., inzh.

Device for the adjustment of remote control systems. Elek.
1 tepl. tiaga 7 no.10:20 0 '63. (MIRA 16:11)

1. Chelyabinskij uchastok energosnabzheniya Yuzhno-Ural'skoy
dorogi.

MIKEAYLOV, M.V.; FILATOV, V.F.

Age of the Kempendyay and Ygyatta troughs and the Suntar buried
horst. Geol. i geofiz. no.7:60-67 '65. (MIRA 18:9)

1. Yakutskaya tsentral'naya geologicheskaya ekspeditsiya.

FILATOV, V. G., KOTEL'NIKOVA, A. G. and VOYNOV, I. N.

"The Species Composition and Zonal Distribution of Ixodid Ticks
in the Southern Urals."

Tenth Conference on Parasitological Problems and Diseases with Natural
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of
Sciences, USSR, Moscow-Leningrad, 1959.

Chelyabinsk Oblast Sanitation and Epidemiology Station

FILATOV, V.G.

Work of the medical parasitology section at the First Congress of
Physicians in the Sanitary and Epidemic Control Service of Chelya-
binsk Province. Med.paraz. i paraz.bolezn. 23 no.1:125-126 Ja-F
'59. (MIRA 12:3)

(PARASITOLOGY--CONGRESSES)

FILATOV, V. G., VOYNOV, I. N.

"The geographical distribution of human diseases with natural
foci, and epidemiological landscape zoning of the southeastern Urals."
p. 24

Desyatoye Soveshchaniye po parazitologicheskim problemam i
prirodnoochagovym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference
on Parasitological Problems and Diseases with Natural Foci 22-29
October 1959), Moscow-Leningrad, 1959, Academy of Medical Sciences
USSR and Academy of Sciences USSR, No. 1 254pp.

FILATOV, V. G., MAKAROV, K. A., VONOV, I. N.

"The compilation of an epidemiological atlas of the southeastern Ural." p. 52

Desyatoye Soveshchaniye po parazitologicheskim problemam i prirodnoodchagovym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural Foci 22-29 October 1959), Moscow-Leningrad, 1959, Academy of Medical Science USSR and Academy of Sciences USSR, No. 1 254pp.

FILATOV, V.G.; VOYNOV, I.N.

Combined expeditions to natural foci of tick-borne encephalitis
in Chelyabinsk Province. Med.paraz.i paraz.bol. 29 no.2:215-
216 '60. (MIRA 13:12)
(CHELYABINSK PROVINCE--ENCEPHALITIS)

VOINOV, I.N.; FILATOV, V.G.

Formations observed in the blood similar to Spirochaetae bovis
daffris. Lab. delo 7 no.6:45-46 Je '61. (MIRA 14:7)

1. Parazitologicheskiy otdel Chelyabinskoy oblastnoy sanitarno-
epidemiologicheskoy stantsii.
(MICRO-ORGANISMS)

L 52165-65 EWT(d)/EWT(m)/EWA(d)/EWP(v)/T/EWP(t)/ESP(k)/ESP(h)/U:(z)/ESP(1)/ESP(1)/
L 52165-65-4 VWH/JD/HM

ACCESSION NR: AP5014900

UR/0135/65/000/006/0034/0035

621.791.03:532.72

42

AUTHOR: Felikson, Ye. I. (Candidate of technical sciences); Filatov, V. I.
Filatova, V. O. (Engineer)

40

2

TITLE: UDS-1 unit for diffusion bonding in a vacuum

SOURCE: Svarochnoye proizvodstvo, no. 6, 1965, 34-35

TOPIC TAGS: diffusion bonding, metal diffusion bonding, vacuum diffusion bonding unit, UDS-1 diffusion bonding unit

ABSTRACT: The Scientific Research and Design Institute for Testing Machines and

Equipment has developed a unit for diffusion bonding of parts up to 100 mm in diameter and up to 100 kg in weight. The unit is a heated unit develops a maximum pressure of 500 kg/cm² at the parts being bonded. The working temperature of 1200°C is attained by an electrically controlled furnace. The air evacuation system includes a pump with a flow of 1000 liters/sec and a vacuum of 10⁻² mm Hg, and a diffusion bonding unit with a vacuum of 10⁻³ mm Hg. The power is supplied by a 220 volt, 50 cycle, 1000 watt. The

Card 1/2

L 52165-65

ACCESSION NR: AP5014900

bonding temperature depends on the kind of metals being bonded. Elastic elements made of 35GSA low-alloy steel were successfully bonded at 1050C under a pressure of 1.2 kg/mm². Orig. art. has: 3 figures. 2
(MS)

ASSOCIATION: NIKIMP

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, MM

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4018

llc
Cord 2/2

FILATOV, V.I.

Gunshot wounds of the abdomen in the Korean and the Vietnamese wars. Vest.khir. 76 no.7:145-150 Ag '55. (MLRA 8:10)

1. Iz kafedry voyenno-polevoy khirurgii (nach. G.T. Nikolayev)
Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.
(WOUNDS AND INJURIES,

gunshot of abdomen & thorax prev. & ther. in war
of Korea & Vietnam)

(ABDOMEN, wounds and inj.

gunshot wds, prev.& ther. in war of Korea & Vietnam)
(THORAX, wounds and injuries
same)

FIIATOV, V. I. (Leningrad)

Course of cancer of the small intestine in generalized penetrating
irradiation of the body. Eksp. khir. 3 no. 6:60-61 N-D '58. (MIRA 12:1)
(INTESTINES--CANCER) (RADIATION SICKNESS)